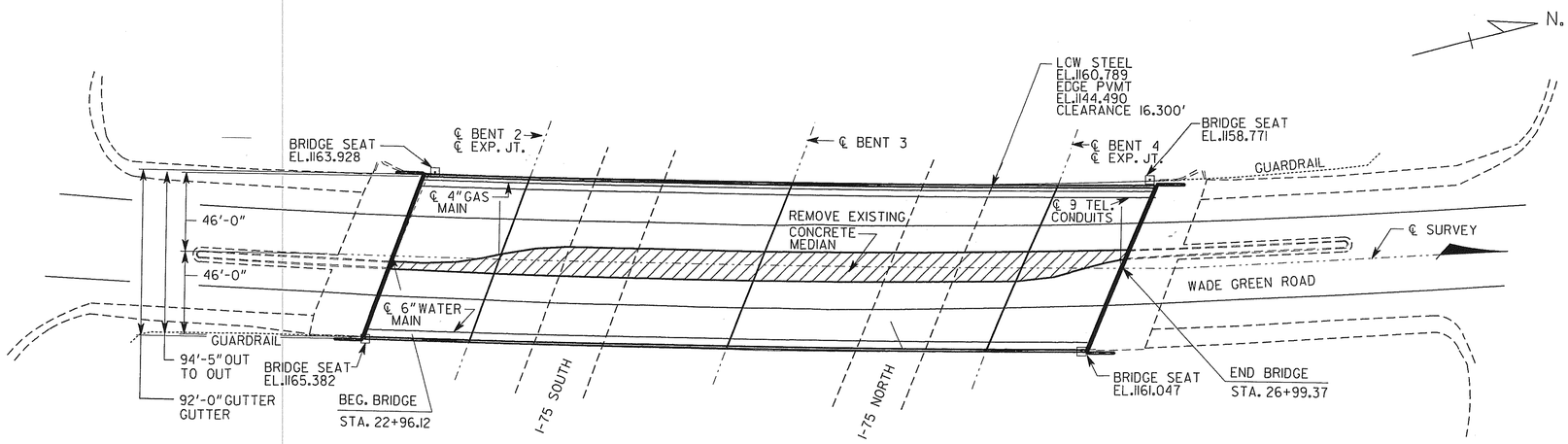
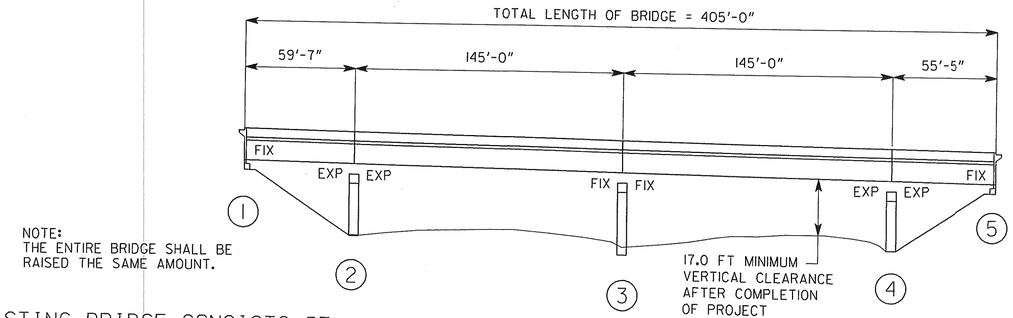
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		19	51



PLAN



NOTE:
THE ENTIRE BRIDGE SHALL BE RAISED THE SAME AMOUNT.

ELEVATION

EXISTING BRIDGE CONSISTS OF

1- 59'-7" NON COMPOSITE PLATE GIRDER SIMPLE SPAN	SPECIAL DESIGN
1- 145'-0"; 145'-0" COMPOSITE HAUNCHED PLATE GIRDER CONT. UNIT	SPECIAL DESIGN
1- 55'-5" NON COMPOSITE PLATE GIRDER SIMPLE SPAN	SPECIAL DESIGN
2-SPREAD FOOTING ABUTMENTS	SPECIAL DESIGN
3-CONCRETE INTERMEDIATE BENTS	SPECIAL DESIGN
ALUMINIUM HANDRAILING	GA. STD. 3626(8-29-74)
BAR BENDING DETAILS	GA. STD. NO. 3901
END POST AND END POST GUARDRAIL ATTACHMENT	GA. STD. NO. 9053
L = 4'-0"; H = 3'-2¾"; W = 1'-1"	
TYPICAL FILL DETAIL AT END OF BRIDGE	GA. STD. NO. 9037(9-1-70)

UTILITIES

6" DIA. WATER MAIN	COBB CO. WATER & SEWAGE SYSTEM
9 TEL. CONDUITS	SOUTHERN BELL
4" GAS MAIN	ATLANTA GAS LIGHT CO.

WORK CONSISTS OF

1. RAISE EXISTING BRIDGE APPROXIMATELY 0.7 FT. AND PROVIDE PEDESTALS.
2. MODIFY ENDWALLS, WINGWALLS AND END POSTS AS SHOWN.
3. RAISE THE TOP OF THE WINGWALLS AND END POSTS.
4. REPLACE JOINT SEALS AT BENTS 1, 2, 4 AND 5. CLEAN AND RESEAL THE REMAINING JOINTS.
5. REMOVE AND REPLACE EXISTING MEDIAN AS SHOWN ON SHEET 4.

DESIGN DATA FOR DESIGN OF PEDESTALS

SPECIFICATIONS	AASHTO 1996
	(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)
TYPICAL MS-18 AND/OR MILITARY LOADING	IMPACT ALLOWED
FUTURE PAVING ALLOWANCE	15 PSF

CONSTRUCTION SEQUENCE

1. PLACE TEMPORARY BARRIER AT BRIDGE END AS REQUIRED.
2. RAISE TOPS OF WINGWALLS AND END POSTS AS SHOWN.
3. COORDINATE ADJUSTMENT OF UTILITIES WITH OWNERS
4. IF PRESENT, REMOVE PORTION OF BREASTWALL BETWEEN EXTERIOR BEAM AND WINGWALL AS REQUIRED TO PROVIDE ACCESS TO BEARINGS AND ALLOW DRILLING FOR NEW ANCHOR BOLT HOLES.
5. JACK BRIDGE WITHOUT DISRUPTING TRAFFIC, PLACE ASPHALT AS REQUIRED AT ENDS OF BRIDGE WHILE JACKING TO PROVIDE A SMOOTH TRANSITION FROM PAVEMENT TO BRIDGE. AT NO TIME SHALL THERE BE MORE THAN A 2" HEIGHT DIFFERENCE BETWEEN THE BRIDGE DECK AND THE TOP OF ASPHALT OR BETWEEN ADJACENT SPANS AT THE JOINTS. AT THE END OF EACH DAY'S WORK, THE PAVEMENT SHALL BE FLUSH WITH THE BRIDGE DECK. PLANE ASPHALT LEVELING AND SURFACE COURSE TO LIMITS SHOWN ON ROADWAY PLANS UPON COMPLETION OF JACKING.
6. REMOVE AND REPLACE GUARDRAIL AS REQUIRED.
7. REDUCE TRAFFIC TO ONE LANE, PROVIDE FLAGGERS TO CONTROL TWO WAY TRAFFIC.
8. REMOVE PORTIONS OF THE ASPHALT AND EXTEND ENDWALL AS SHOWN.
9. SHIFT TRAFFIC TO OPPOSITE SIDE AND REPEAT STEP 8.
10. RE-OPEN BRIDGE TO TWO LANES OF TRAFFIC.
11. SEE SPECIAL PROVISIONS-SECTION 150.11, SPECIAL CONDITIONS, FOR THE LIMITATIONS FOR ITEMS 8 THROUGH 10. MUST ALWAYS HAVE AT LEAST ONE LANE OPEN. ONLY NIGHT TIME CLOSURES.
12. INSTALL JOINT SEAL, CLEAN AND RE-SEAL THE REMAINING JOINTS.

THE AFOREMENTIONED SEQUENCE SHALL BE COORDINATED WITH ROADWAY OPERATIONS, SEE ROADWAY PLANS. IN LIEU OF THE ABOVE SEQUENCE, THE CONTRACTOR MAY SUBMIT A PROPOSED SEQUENCE FOR APPROVAL.

EXISTING GRADE DATA

SEE ORIGINAL BRIDGE PLANS

WADE GREEN ROAD TRAFFIC DATA

TRAFFIC	ADT = 27065 (2002)
TRUCKS	2.4%

GEORGIA REGISTERED PROFESSIONAL ENGINEER PE-029108 ROGER D. BYRBEE
02/05/04

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	101	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, ABUT. NO-1
449-1620	101	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, BENT NO-2
449-1620	102	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, BENT NO-4
449-1620	102	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, ABUT. NO-5
504-0600	7	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE
500-3900	46	CY	CLASS 'B" CONCRETE
518-1000	LUMP	LS	RAISE EXISTING BRIDGE, STA 22+96.12

EXISTING BRIDGE SERIAL NO. 067-0122-0
EXISTING BRIDGE I.D. NO. 067-09359M-00265N
PROJECT P.I. NO. M001995

BRIDGE NO. 3

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

JACKING DETAILS
WADE GREEN ROAD OVER I-75
COBB CO. NHS-M001-00(995)

GS&P
GRESHAM SMITH AND PARTNERS

BRIDGE SHEET 1 OF 4

BY	REVISIONS	DATE

SCALE: NONE FEBRUARY 2004

DESIGNED	RDB	CHECKED	RDB	REVIEWED	RDB
DRAWN	LWD	DESIGN GROUP		APPROVED	REL

X.DG

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